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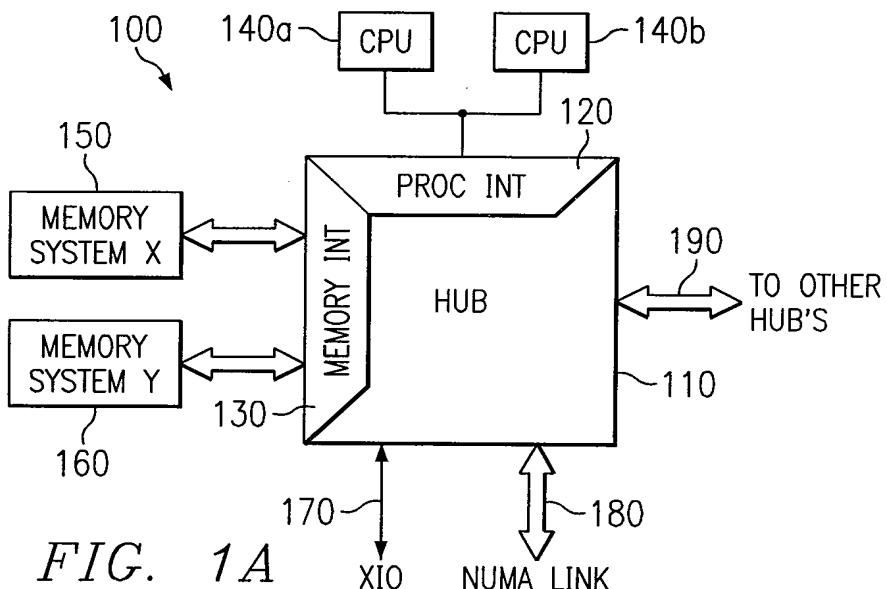


FIG. 1B

FIG. 1A

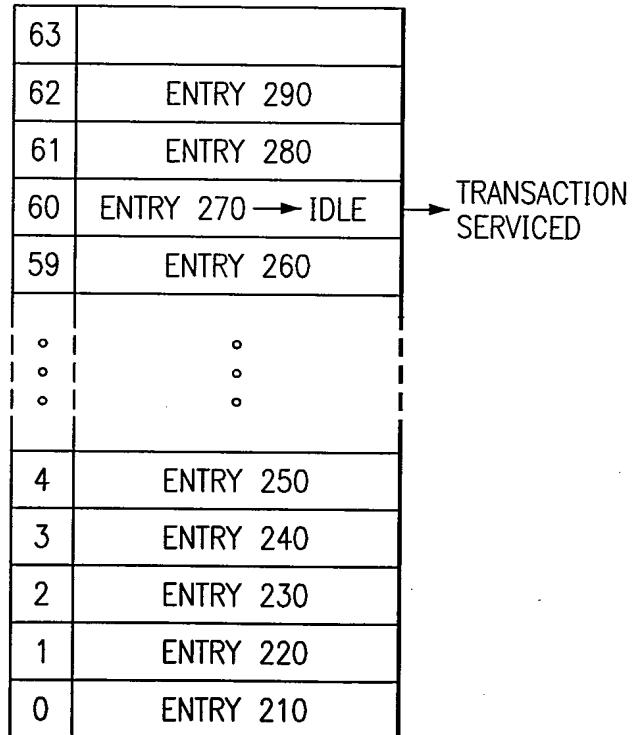
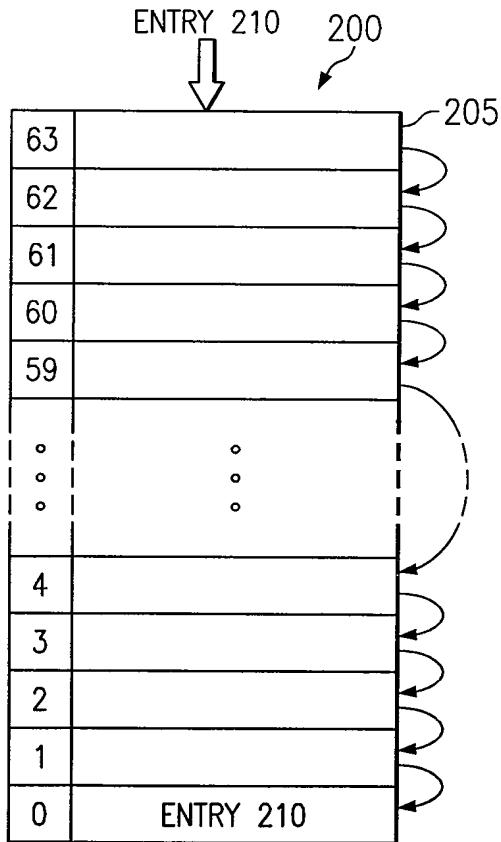


FIG. 2A

FIG. 2B

REPLACEMENT SHEET

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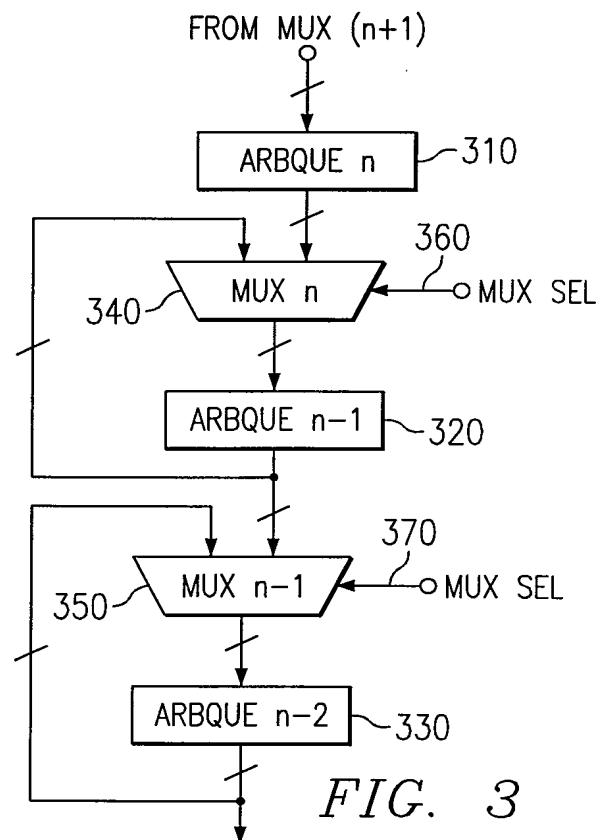
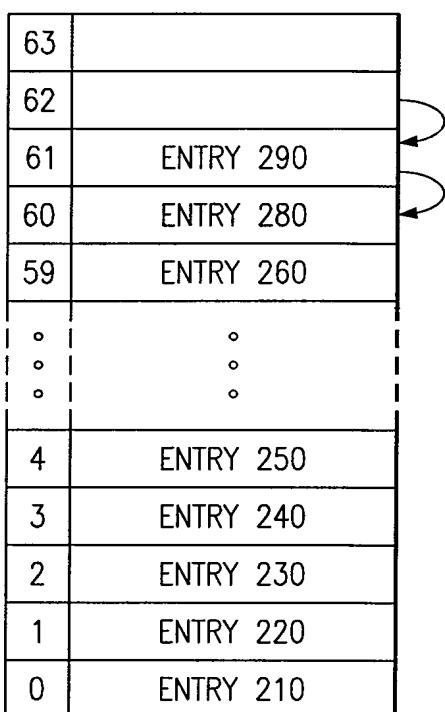


FIG. 3

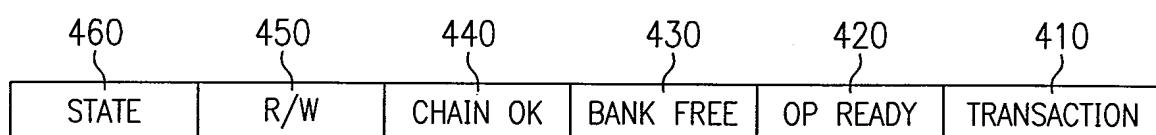


FIG. 4

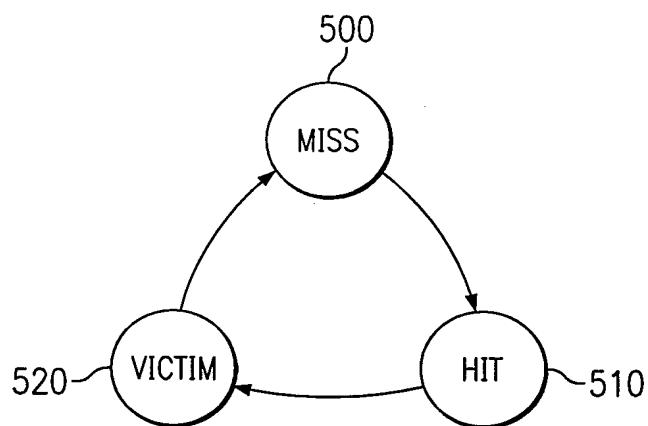


FIG. 5

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FIG. 6

600 READ	610 WRITE	620 URGENT WRITE	630 FOLLOWS READ	640 FOLLOWS WRITE	650 DIRECTION THRESHOLD	660 ARBITRATE FOR
X	0	0	X	X	X	READ
0	X	1	X	X	X	WRITE
0	1	0	1	0	X	READ
0	1	0	0	X	X	WRITE
1	1	0	X	0	X	READ
1	1	0	0	1	0	WRITE
1	1	0	0	1	1	READ
1	X	1	0	X	X	WRITE
1	X	1	1	0	0	READ
1	X	1	1	0	1	WRITE

ENTRIES IN ARBITRATION QUEUE

FIG. 7

